

The Movement of Dislocations in Antimony
Crystals, by L. M. Soifer, V. I. Startsev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII,
No 6, 1961, pp 1084-.

AJP
Sov Phys - Dok
Vol VI, No 6

Sci

Jan 62

886
182, 677

On Certain Phenomena, Observable During Deformation of Single Crystals of Antimony, by L. M. Solifer, V. I. Startsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 4, 1960, pp 795-798.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

152,511

Luminescence Properties of Cesium Iodide Crystals
Grown from a Superheated Melt, by Yu. A. Tsirlin,
V. I. Startsev, L. M. Soifer, 3 pp

RUSSIAN, per, Optika i Spektro, Vol VIII, No 4,
1960, pp 537-540

USA

Sci
May 61

151,046

Tritium in the Investigation of Subterranean
Waters, by F. A. Alekseyev, G. P. Gol'bek,
V. N. Saifar, N. A. Vasil'eva, V. N. Maidebor,
E. V. Sokolovskiy, N. N. Shan'gin, 16 pp.

RUSSIAN

DEFENSE, rpt no RIIC/318, Conference on the
Use of Radioisotopes in Physical Sciences and
Industry, 6-17 Sep 1960.

ABC Tr-4342

Sci - Geophys
May 61

150,345

Use of Tritium in Ground Water As An Indicator by
F. A. Alekseyev, V. N. Soifer, V. A. Pilonov, Ya. B.
Pinkel'shtein, 3 pp

RUSSIAN, per, Atom Energ, Vol IV, No 3, 1958, pp 298-
300

Consultants Bureau

Sci - Nuclear Phys

Feb 59

80,905

Electric Rolling Mill Drives, by J. Soikenik.

1223CH, per, Elektrotechnicky Obzor, Vol. XLIV,
No 5, 1955, pp 242-247.

CSIRO

Ref. - Mngt

Apr 62

192, 143

24

**Secret Communications and Reconnaissance Links -
Especially Wire Connections - During Finland's War
of Independence in 1918, by Arthur J. Bell, 6 pp.
FINISH, par, Västman, No 1, X Mar 1968, pp 21-23.
ACR 7-2296-A
ID 225407264**

**Sci - Electron
Sep 64**

266,885

Fifteen-Year Development of the East German
Fine Ceramics Industry, by Helmut Seiler, 21 pp.
GTMH, per, Silikattechnik, No 10, Oct 64,
pp 307-311; No 11, Nov 64, pp 346-350.
JPRS 88471

U.S. GOVERNMENT
GPO
Feb 65

273,978

Solmi, A. and Borgo, M.
ON THE IMPORTANCE OF THE GENOTYPE IN THE
ETIOPATHOGENESIS OF MALIGNANT NEOPLASIAS
OF THE LARYNX. [1962] 15p.
Order from K-H \$18.75

K-H 11627-f

Trans. of Tumori (Italy) 1961, v. 47, p. 326-337.

DESCRIPTORS: *Genetica, Etiology, *Cancer, Neo-
plasma, *Larynx.

(Biological Sciences--Pathology, TT, v. 8, no. 12)

62-17633

- I. Solmi, A.
- II. Borgo, M.
- III. K-H-11627-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-17633

Office of Technical Services

(NY-7166)

Contribution to an Investigation of Oscillations
in a System of Two Coupled Networks One of Which
Contains a Variable Capacitance, by N. V. Soina,
6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO,
SSR, Radiofiz, Vol V, No 2, 1962, pp 411-413.

NOR JPRS 15517

Sci - Electronics

Oct 62

213,754

Tour of Finnish Lawyers in the Soviet Union (17 Feb to
3 Mar 1957), by Valentin Soine, 17 pp. UNCLASSIFIED

FINNISH, no par, Suomen Politsilähti, Vol XXXVII,
No 6, 9, 10, Turku, Jun, Sep, Oct 1957, pp 279-281, 390-
393, 476-479.

US JPRS/DC-L-320

USSR

Econ & Standard of Living

May 58

64, 180

Atmospheric Gases In Helsinki and Its Effects on
Rubber, by Antti Soininen, Anne-Liisa Pehu-Lehtonen,
Elli Auerbach, 11pp
REFCH, per, Teknillisen Kemian Aikakauslehti,
Vol 19, 1962, No 16, pp 659-669
ACS, Prince and Lemon Streets, Lancaster, Pa.

Antti Soininen

Sci - Mat
July 67

330,848

On Paper Drying Theory, by M. SoIninen, 9 pp.

FINNISH, per, Paper and Timber, Finland, Vol XXXVIII,
No 10, 1956, p 491.

SLA 58-595

Sci

Aug 59

95, 378

Structure and Characteristics of Cement Mortar, by
F. Ivanov, V. Solntseva.
RUSSIAN, per, Beton i Zhelezobeton, No 5, 1962, pp 233-237.

CSIRO/No 6163

Sci - M/M

Feb 64

250,478

Simultaneous Desulphurization and Decarburization in the
Basic Converter, by F. Mounier, C. Soisson. UNCL

PREMIER, 1951, Nov 1951, Aug 1955, pp 589-595.

British Iron and Steel Ind
(no number given)

Sci. Eng. 11/1951
Rep. 55

98,286

Production of Nitrous Oxide by Continuous Decomposition of Ammonium Nitrate, by Jaroslav Sojka.

RUSSIAN, per, Chem Prumysl, Vol VI, (31), No 2, 1956, pp 45-49.

Assoc Tech Sv
\$19.20 Tr CJ-804

Sci - Chemistry
Aug 57

51,760

Radio in Projectiles, by Jozef Sojkowski, *3pp*

POLISH. np, Zolnierz Polski, No 18 (779),
5 May 1963, p 12.

ACSI I-3310
ID 2246270
525th MI Gp

World Wide
Mil
Sep 63

Recommendation on increasing the per capita
productivity of employees, by Jack Chang-
cong, 10 p.

1000, per, Hilleys, 20 20, at 1904, p.

25-364
7-10 20505

12-1012 (Gron)

CO

Feb 65

205,387

Excellent: Embodiment of Marxist-Leninist
Principles on Economic Management, by Lee Kuan
Yew, 5th Jan 1964, 9 pp.
S. K. L. L., np, Wah Lo, 15 Nov 1964, p 2.
JPRS 23022

PL-10000
R01
Mar 68

275,933

BEING CARETAKERS FOR THE NATION'S WELL BEING
IS A MAJOR ROLE OF THE COMMUNISTS, BY CHONG
TAL-KUN, SON CHEN-HUK, 9 PP.

KOREAN, NP, MORONG SINCHON, VOL 183, 2 JULY 1963,
PP2.

JPRS 30080

FE-KOREA
ECON
ECON

342,885

75
Roadbuilding in Bulgaria, by Kazimierz
Sokalski. 14pp.
POLISH, per, Roadbuilding, Vol 16, No 6,
April 1961, pp 127-132.
DIA LN 706-66

KAZIMIERZ SOKALSKI

EE-Bulgaria
Sci-Tech Index Eng

210 100

(DC-2900)

PRESENT STATE AND DEVELOPMENT TRENDS IN
ELECTRIC APPARATUS INDUSTRY, BY KAZIMIERZ
SOKALSKI, 9 PP.

POLISH, PER, PRZEGLAD ELEKTROTECHNICZNY, VOL
XXXVIII, NO 5, 1962, PP 191-195.

JPRS 14678

EEUR - POLAND
ECON
AUG 62

205,955

Highway Situation in Bulgaria, by Kazimierz
Sokolowski, 7 pp.

BULGARIA, per, Drogownictwo, Vol XVI, No 6, 1961,
pp 127-132.

JPRS 9933

EEur - Bulgaria

Recn

Aug 61

163, 998

(NY-5768)

Tar Road Construction in Poland in Recent Years,
by Kazimierz Sokalski, 10 pp.

POLISH, per, Drogownictwo, Vol XV, No 12, 1960,
pp 281-284.

JPRS 7977

EKur - Poland

Econ

145,085

(NY 4670)

Electrical Equipment Exhibited at the 29th
Poznan Fair, by Jerzy Bodynski, Kazimierz Sokalski,
13 pp.

POLISH, per, Przegląd Techniczny, Vol LXXXI, No 3,
May 1960, pp 96-100.

→ (Special
Issue)

JPRS 7614

EEur - Poland

Econ

Feb 61

139, III

SECRET

(NY-2879).

Current Work of Designing Offices of the Electrical
Apparatus Industry, by Kazimierz Sokalski, 13 pp.

POLISH, per, Wiadomości Elektrotechniczne, No 5,
Warsaw, 1959, pp 116-120.

JPRS-1930-N

EEur - Poland

Econ - Manufacturing, Electrical Industry

Oct 59

98,763

Kinetics of Changes of the Electrical Conductivity of
Zinc Oxide During the Desorption of Gas, by Z. Sokalski,
J. Ujara.

POLISH, per Roczn. Chem. Vol. 38, 1964, pp 1797-1805
QB 59/AE & CI ART 1012

Z SOKALSKI

Sci -
Aug 67

338-549

Electron Microscope Investigation of Polish
Sandomir Silicas, by E. Al Leontyev, V. M.
Lukyanovich, Z. Ya Sokalsky, 4 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1956, pp 1168 1170.

Consultants Bureau

Sci - Chemistry
Jan 58

57,990

On the Taxonomy and Distribution of Bark Beetles
(Coleoptera, Ipsidae) in the USSR and Adjacent Countries
by B. V. Sokanovskiy, 3 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXIX, No 3, 1960,
pp 674-678.

AIBS

Sci -
May 61

153, 123

"Komsomolets" Cement Works' Experience in Increasing
Kiln Lining Durability, by G. A. Sokhatskaya, Yu.
F. Salomatina, 6 pp.

RUSSIAN, per, Tsement, No 2, 1957, pp 13-17.

Consultants Bureau

Sci - Engineering
Jul 58

66,334

Contribution to the Problem of the Formation
of a Protective Crust on Refractory Linings,
by B. P. Buzalov, G. A. Goldshteyn, R. I.
Shubin, Leningrad
FIZKHI, Ser. Chemical Physics, Vol. 19, 1964,
No. 5, pp. 137-140
RZA 57-5-30517

G. A. Sokhatskaya

Sci - Eng
Mag. 67

377,453

(DC-2800/28)

Contribution of DCSAAF Members of Uzbekistan, by
V. Solnatskiy, 3 pp.

RUSSIAN, np, Sovetskiy Patriot, 8 Jun 1960, p 2.

JPRS 6038

USSR
M11
Oct 60

128,043

(NY-6502)

N
CONVENTION ON THE SENSORY TRAINING OF THE
PRE-SCHOOL CHILD, BY F. SOKHIN, 9 PP.

RUSSIAN, PER, SOVETSKAYA PEDAGOGIKA, NO 2,
0962, PP 155-159.

JPRS 13993

SCI - MED

JUN 62

197,7²₈

ALL UNION CONFERENCE ON PHILOSOPHICAL PROBLEMS
RELATED TO THE PHYSIOLOGY OF HIGHER NERVOUS
ACTIVITY AND PSYCHOLOGY, BY A. M. MATUSHKIN,
F. A. SOGIN, 17 PP.

RUSSIAN, PER, VOPROSY PSIKHOLOGII, NO 4,
JUL-AUG 1962, PP 172-182.

JPRS 17219

SCI - MED

JAN 63

220,153

Experimental Beneficiation Of Ores In Shaking
Troughs, by S. I. Mitrofanov, Yu. G. Malik-
Stepanov, Yu. M. Sakhin and V. V. Borisov. (70)10/

RUSSIAN, par, Tsvetnyye Metally, No 1, 1960,
pp. 17-22.

Primary Sources

Sc1
Jun 60

117,850

Decomposition des Complexes Oxalates du
Plutonium Sous l'Effet du Rayonnement,
by L. P. Sokhina, A. D. Ghelman, 9 pp.

RUSSIAN to FRENCH, per, Zhur Georgani Khim,
USSR, Vol V, No 5, 1960, pp 1013-1015.
9069054

CEA R-1515
Reverse Translation

Sci
Nov 62

Oxalate Complex Compounds of Plutonium (IV),
by A. D. Gel'man, L. P. Sokhina, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 5, 1958, pp 1100-1104.

AEC Tr-4453
PL-480

Sci
May 62
PST 375

194,407

Reduction of Al_2O_3 by Carbon, by Zh. I. Vert,
M. V. Kamentsev, V. I. Kudryavtsev, M. I.
Sokhor, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,
No 5, Jul-Dec 1957, pp 834-837.

Consultants Bureau

Sci - Chem
Aug 58

69,338

Deciphering the New Silicon Carbide Structure,
SiC-VII, by E. B. Gasilova, M. S. Beletskiy,
M. I. Sokhor, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXII,
No 1, 1952, pp 57-60.

Morris D. Friedman
\$3.00

35,201

Scientific - Chemistry
Physica

Jun 56 CTS/dex

Deciphering the Crystalline Structure of SiO₂ VIII,
by E. B. Gasilova, M. I. Sokhor, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXII,
No 2, 1952, pp 249-251.

Morris D. Friedman

\$1.50

35,000

Scientific - Chemistry

Jun 56 CTF/Gex

The Transition Zone and Determination of the
Water-Oil Contact According to Geophysical
Measurements, by N. N. Sokhranov, 5 pp.

RUSSIAN, par, Geology Nefti i Gaza, Vol IV,
No 5-B, 1960.

RRG

S 1
Jun 63

232,927

(NY-3000)

We Must Promote Powder Metallurgy, by
Ye. Schirin, 4 pp.

RUSSIAN, np, Komsomol'skaya Pravda,
5 Jan 1962, p 2.

JPRS 13340

190,221

USSR
Econ
Apr 62

Mail in the USSR, by V. P. Pastukh, R. P.
Sokhrina, 44 pp.

RUSSIAN, per, Trudy Glavnaia Geofizicheskaya
Observatoriya, No 74, 1957, pp 3-21.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,855

Air Pressure, Air Temperature and Amount of
Precipitation in the Northern Hemisphere, by R. F.
Sokhrina, et al.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ, 1959,
Atlas Marsa, (Atlas of Maps).

NLL M. 3830

Sci

Nov 62

J-4760

(DC-3169).

Under the White Turban, by Aleksey Yermukhamedovich Solibayev, 5 pp.

Inventive,

RUSSIAN, np, 18 Oct 1959, p # 3.

JPRS-1073-D

USSR

Spc - Religion

Dec 59

103,450

(DC-3209).

Under the White Turban, by Aleksey
Yermukhammadovich Sokibayev, 5 pp.

RUSSIAN, np, Kommunist Tadzhikistana,
Stalinabad, 27 Oct 1959, p 3.

JPRS-1103-D

USSR

Sec - Religion

JAN 60

On the Prospects of Obtaining a New Vaccine
Against Anthrax of Agricultural Animals, ~~XXXXXXXX~~, by
L. D. Kuzin, N. V. Sokk. Rpt I,

RUSSIAN, per, Trudy Chkalovskogo ~~XXXX~~ Sel'skokh
Inst, ~~XXXX~~ No 6, 1953, pp 97-100; Abstract No
13481 in Referativnyi Zhur Biologiya, No 6, 1955.

USDA Tr

31,979

Scientific - Medicine

Mar 56 CTS/DEX

Science, Religion and the Future of Mankind, by
Sir John Gilmour, 4 pp.

RUSSIAN, per, Russia, Religion, No 10, 1980,
 pp 13-26.

TIME 6558

Usher

۴۳

11/21/20	11/21/20
----------	----------

139 9/8

Influence of Magnesium on the Hydrothermal Conversion
of Phosphates, by A.I. Soklakov, S.I. Vol'fkovich, 5pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 7, 1962,
pp 1405-1410.

CB

Sci

May 63

233,660

Molluscan Fauna in the Marine Sarmatian of North-
eastern Bosnia, and Its Stratigraphic Significance, by
~~Ivan Soklic~~. Ivan Soklic, 73 pp.

SERBO-CROATIAN, bk, Geoloski Glasnik, 1955.

OTS 60-21643
PL-480

Sci

Aug 62

Adrenalin-like Substances and the Biological
Activity of the Blood in Diencephalic Disorders, by
G. N. Kassil', E. A. Matlina, R. A. Soklinskaya,
6 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII,
No 12, 1959, pp 31-36.

CB

Sci.
Jul 60

120,974

At the Altai Agricultural Institute,
by D. P. Sokl'skiy,

RUSSIAN; par, Vestnik Sel'skokhozyaistvennoy
Ek. Vol VII, No 2, 1962, pp 148-151.
9088142

USDA Tr A-1350

203, 285

USSE
Econ.

JUN 62

Calculation of Scattering Phase Shifts with
Inclusion of the Second Approximation, by
A. A. Soklov, V. M. Arutyunyan, R. M.
Muradyan, 4 pp. 6

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVI(9), No 2, 1959, pp ~~588-593~~.
594-599.

Amer Inst of Phys
Sov Phys - JETP

Sci - Phys

Sept 59

97,185

Ethylene Sulfide in the Synthesis of Heterocyclic
Compounds with Two Esteratoms. I. Condensation of
 β -ketoacetylamine with heterocyclic aldehydes,
isoxanthone, and pyruvic acid, by Yu. E.
Tur'yev, S. V. Dyatlovitskaya, A. E. Sokol, 4 pp.

ZHESLAN, per, Zhur Obshch Khim Vol XLIX, No 12,
1959, pp 3885-3887.

CB

Sci

Nov 60

153.206

(SF-1879)

First International Conference of Techniques of the
Pseudo-Liquidified Layer in Prague, by D. Sokol,
M. G. Slin'ko, 4 pp

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4,
July/Aug 1961, pp 637, 638

JPRS 13520

Sci - Chem
Apr 62

(SF-1879)

First International Conference of
Techniques of the Pseudo-Liquified
Layer in Prague, by D. Sokol,
M. G. Elin'ko, 4 pp.

CZECH, per, Kinetika i Kataliz,
Vol II, No 4, July/Aug 1961,
pp 637, 638.

JPRS 13520

192,357

Theory of the Fluidized Bed, by Ya. Baranek, D. Sokol,
RUSSIAN, per, Khim Prom, Vol XXXIV, No 1, 1959,
pp 62-68.

ATS RJ-2210

Sci. - Chem

May 60

115,466

Photodisintegration of deuteron at energies from
50 to 150 mev, by Yu. A. Aleksandrov, N. B.
Delore, L. I. Slovokhotov, G. A. Sokol, L. N.
Shtarkov, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol 13, No 3 (9), 1957, pp. 614-620.

3

Alter Inst of Phys
Sov Phys-JETP
Vol 6(33), No 3

Sci - Phys

Jun 58

65,141

(NY-5321)

Experience of Ambulatory Treatment of Obliterating
Endarteritis With Pachycarpine, by G. M. Sokol,
6 pp.

RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXXV, No 10, 1960, pp 130-133.

JPRS 7657

Sci - Med

Feb 61

140,308

The Use of a Nitrogen-hydrogen Mixture for Shield-
ing the Reverse Side of a Weld, by A. I. Akulov,
V. V. Spitsyn, I. A. Sokol, 3 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1960,
pp 38-39.

BWRA

Sci

178,996

Dec 61

Analysis of Phenols and Hydrocarbons
by Gas-Liquid Partition Chromatography,
by L. Skol.

CZECH, per, Chem Abst, Vol. LII,
1958, pp 726-734.

CSIRO 4368

Sci - Chem
Jun 62

199,341

TT-62-28275

Sokol, L.
ALUMINES: LEUR FABRICATION, LEUR ACTIVATION
ET LA DÉTERMINATION DE LEURS QUALITÉS PHY-
SIQUES PAR DES MÉTHODES CHIMIQUES (Aluminy,
Jejich Priprava, Aktivace a Hodnoceni Fyzikalne
Chemickyimi Methodami)(Alumina: Preparation, Acti-
vation, and Evaluation by Physical-Chemical Methods)
21p. (Foreign text included) 18refs. CNRS-VIII bis
564

Order from OTS, ETC or CNRS \$0.85 TT-62-28275

Trans. in French of Chemicky Prumysl (Czechoslo-
vakia) 1955, v.5 (30), no.12, p.498-502.

DESCRIPTORS: *Aluminum compounds, *Oxides,
Salts, Hydrogen ion concentration, Physical prop-
erties, Synthesis (Chemistry).

(Chemistry--Inorganic, TT, v. 11, no. 6)

- I. Sokol, L.
- II. CNRS-VIII bis 564
- III. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Analysis of Phenols and Hydrocarbons by Gas-
Liquid Chromatography, by L. Sokol, 11 pp.

GAZK, per, Chemical Listy, Vol LII, 1968,
pp 1726-1734.

ATB-53L31C

Sci - Chem
Dec 59
Vol 2, No 4

102,799

Analysis of Phenols and Hydrocarbons by Gas-Liquid
Chromatography, by L. Sokol, 11 pp.

CZECH, per, Chem Listy, Vol III, 1958, pp 1726-1734.

ATS-53L31C

Sci - Chemistry
Nov 59

103,268

Absorption Spectra and Structures of Quinoline
Derivatives That Serve as Starting Materials
in the Preparation of Antimalarials VII.
Interaction of Functional Groups in Isomeric
Chloro-4-Aminoquinolines, by V. I. Bliznyukov,
L. S. Sokol, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,
No 9, 1963, pp 3035-3039.

CB

Sci

Sci. 3039

Absorption Spectra and Structure Quinolines Used as
Starting Materials for Antimalarials. VI. The
Interaction of Substituents in Ions of 8-
aminoquinoline, 6-Methoxy-8-Aminoquinoline and Some of
Their Derivatives, by V. I. Bliznyukov, L. S. Sokol,
pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXIX, No 2,
1959, pp 575-581.

Consultants Bureau

Sci

Apr 60

112,355

The Absorption Spectra and Structures of Substituted
Quinolines, Used as Starting Materials for Anti-
Malarials. IV. Absorption Spectra and Structure of
Neoplamoguin, by V. I. Bliznyukov, L. S. Skol, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 12, 1957,
pp 3250-3250.

Consultants Bureau

Sci - Chem

Mar 59

82,197

(NY-3325).

Material Incentive for Promoting Technical
Development, by V. Knobloch, E. Liska, M. Sokol,
18 pp.

CZECH, per, Planovane Hospodarstvi, No 11, Prague,
1959, pp 333-344.

JPRS 2491

114, 425

EEur - Czechoslovakia

Econ - General (Investment Development).

Apr 60

SHEER

(NY-2973).

Measuring Labor Productivity in the New Planning
Methodology, by Miroslav Socha, 11 pp.

GAZETA, per, Planovane Hospodarstvi, No 4, Prague,
Mar 1979, pp 260-268.

JPRS-1987-N

Econ - Czechoslovakia

Econ - General Economics (Labor Productivity).

Nov 59

100,462

Compounds of Formamidine Sulfone With Bivalent
Platinum, by V. A. Golovnya, S. K. Sobol, 10 pp.

RUSSKAM, 1957, Zhur Georgan Khim, Vol. IX, No 7,
1957, pp 1523-1534.

ARC-4r-4057

Sci - Chemistry

Dec 60

FBI 84

134,116

A Method for the Quantitative Separation of
Platinum from Solutions, by V. A. Golovnya,
S. K. Schol, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3, 1959,
pp 596-598.

Cleaver-Hume Press Ltd.
London.

Sci - Chem
Jan 60

106,552

Optical Determinations of the Structures of Co-
ordination Compounds Formed by Divalent Palladium,
by G. B. Bokiy, V. I. Sokol.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1,
1959, pp 74-78.

The Cleaver-Hume Press Ltd

Sci - Chem
Jan 60

105874

Solubility in the Quaternary Reciprocal System
($2\text{KCl} + \text{MgSO}_4 \rightleftharpoons \text{K}_2\text{SO}_4 + \text{MgCl}_2$) + H_2O at 75° , by
Ye. I. Luk'yanova and V. I. Sokol, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 2,
1956, pp 298-307.

AEC-tr-4533

PL-480

Sol

Jan 62

234,071

SECRET

(SI-3047)

Effect of Available Manpower on the Economic
Results of the JZD's, by Zdenek Sokol, 17 pp.

CZECH, per, Zemadelaka Ekonomika, Vol XXIII, No 10,
Prague, 1959, pp 789-798.

JPRS 2502

ELHR - Czechoslovakia
Econ
May 60

116, 263

Study of Fatty Acids Adsorption on the
Surface of Rutile, by Sokola.
CZECH, per Chem Prum. Vol. 14, No. 11, 1964
pp 597-599
GB 350

SOKOLA

Sci -
Aug 67

337-569

The Formation of Root Nodules on the Roots of
Summer-Planted Lucerne, by N. F. Sokolenko, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, No 3, 1958,
pp 335-339.

Amer Inst of Biol Sci

Sci - Biology
Feb 59

81,625

Method of Suppressing False Signals
by A. G. Sokolitskiy, V. H. Orlov.
RUSSIAN, per, Patent 177458, 27 Aug 64, pp 1-2.
*FTD BT 23-1003-67

129

A. G. Sokolitskiy

Sci-Methods and Equipment
Jul 67

Sokolik, A. S., Volnov, A. N., and Sviridov, Yu. B.
INFLUENCE OF CHEMICAL AND TURBULENCE
FACTORS ON THE COMBUSTION PROCESS UNDER
ENGINE OPERATING CONDITIONS. [1963] 5p
Order from OTS or SLA \$1.10 63-18216

Partial trans. (conclusions) of Akad[emiya] Nauk
SSSR. Otdel[enie] Tekh[nicheskikh] Nauk. Izvestiya,
1949 [no. 12] p. 1848-1873.

DESCRIPTORS: *Combustion, Combustion chambers,
Thermodynamics, Combustion chamber gases,
Ignition, Flames, *Turbulence, Velocity.

(Physics--Thermodynamics, TT, v. 10, no. 10)

63-18216

I. Sokolik, A. S.
II. Volnov, A. N.
III. Sviridov, Yu. B.

1252465

Office of Technical Services

23
Study of the Properties of a Polymer-Semiconductor
Interface, by G. A. Sokolova, N. A. Kiseleva, 8 pp.
RUSSIAN, per. Dokl. Akad. Nauk SSSR, Vol. CXLVII, No. 6,
1962, pp. 1609-1612. 949492
FTC-TT-64-487

Sci - Elec
Oct 64

262,322

Study of the Crystallization of Boron-Free
Strontium-Calcium Glazes, by Yu. G. Shteinberg,
L. N. Nikulina, O. T. Sokolinskaya, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 3,
1960, pp 582-~~81~~ 590.

Sci

Apr 61

CS

144, 348

47
Special Agent of Security for the National
Security Council, Internal Security
Division, Mr. W. W. [unclear], Mr. A. [unclear]
[unclear]
[unclear] of [unclear] [unclear]
[unclear] [unclear] [unclear]
[unclear] [unclear]

Yu. A. Sokolinskiy

J-029/83

Theoretical Bases of the Unified State System of
Stenography, by N. N. Sokolov. (SF-278) 59 pp.

RUSSIAN, mono, Moscow, 1949, pp 17-39, 104-109.

✓
SFRS/Special

Teoreticheskiye Osnovy Gosudarstvennogo
Yedinstva Sistemy Stenografii

U.S.S.R.
Soc

May 63

231,529

Enzymic Systems of Erythrocytes and the Formation of
Methemoglobin, by V. V. Sokolowski, L. M. Pavlova,
3 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 4, 1960, pp 603-
606.

CB

Sci "
May 61

152,819

61-18191

I. Sokolik, A.
II. Yantovskii, S.

Sokolik, A. and Yantovskii, S.
KINETIC CONDITIONS OF KNOCK AND PREIGNITION IN INTERNAL COMBUSTION ENGINES. [1961]
16p. 23 refs.

Order from OTS or SLA \$1.60

61-18191

Trans. of Acta Physicochimica U. R. S. S., 1944,
v. 19, p. 329-359.

DESCRIPTORS: *Knocking, *Internal combustion
engines, *Ignition.

It is shown that the specific distinction between knocking and antiknocking fuels consists in the occurrence in the former of a cold flame and two-stage autoignition region, whereas in the latter only a region of single-stage autoignition of the degenerate explosion type is manifested. (Author)

(Machinery--Engines, IT, v. 6, no. 7)

Office of Technical Services

7-7-61

Sci/Engineering

C

Knocking in an Internal-Combustion Engine, by A. Sokolik,
A Voinov.

RUSSIAN, no per, Zhur Tekh Fiz, Vol III, No 9, 1936.

ADC Tr 274

A 11322
Oct cts

Detonation and Peroxides in the Internal Combustion
Engine, by A. Sokolik, 16 pp.

GERMAN, par, Acta Physicochemical, ³ USSR, Vol IX,
No 3-4, 1938, pp 593-619.

SLA 58-496

Sci

Aug 89
S

95, 342

(NY-4845).

Explosion Limits of Gas Mixtures. V. Explosion
Limits of Hydrocarbon-Air Mixtures, by M. Rivin, A. Eder
Sokolik, 14 pp.

RUSSIAN: per Zhur Fiz Khim, Vol. X, No 4, 5,
1937, pp 692-699.

JPRS 7148

Sci - Phys, Chem
25 Nov 60

133,297

The Effects of Temperature and Laminar Velocity
on the Rate of Turbulent Combustion, by A.
Sokolik, V. P. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
1959, pp 168-171.

CB

Sci

Oct 60

130,079

1. The first of the two main tasks of the Ministry of Education and Science is the development of the national system of higher education. The second task is the development of the national system of scientific research. The Ministry of Education and Science is responsible for the implementation of these tasks.

RECEIVED, 1961, Bull. Ent. Res., Vol. 51, No. 1
1961, pp. 175-181.

02559 7150

100-443887-100

199 1992

Equivalent Circuits of the Deflecting Plates
of a Cathode Ray Tube, by A. I. Sokolik, 5 pp.

RUSSIAN, per, Radiotekh i Elektron, No 10,
1961.

AIEE

Sci

Jul 62

203,044

Reproduction of a Rectangular Pulse by an Amplifier
With an RC Filter in the Plate Circuit of a Tube,
by A. I. Sokolik, T. M. Agakhanyan, 13 pp.

Full Tr

RUSSIAN, per, Radiotekhnika, Vol X, No 11, Nov 1955,
pp 52-59.

ATIC F-TS-9064/V

Sci - Electronics
Oct 57

54, 298

22
Self-Ignition Flame and Detonation in Gases, by
A.K. S. Shteyn, 438 pp.
RUSSIAN, IR, Samovosplamneniye, Plama i Detonatsiya
v Gazakh, 1960.
OTS 63-11179
PL-480

Sci - Chem
Mar 64

Dept of Interior
TN 7 E 57
NO 987

253,029

*Chemical Engineering
Division*

Probe Investigation of Ionization in Spherical Flames,
by E. S. Semenov, A. S. Sokolik, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 9, 1962,
pp 1074-1083.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VII, No 9

Sci.

Apr 63

232,778

Sokolik, A. S. and Basevich, V. Ya.
THE KINETIC NATURE OF SELF-IGNITION IN
DIESEL ENGINES. 1964. 76p (figs omitted) refs
Order from OTS, SLA, or ETC \$2.60 TT-64-14935

Trans. of [Zhurnal Fizicheskoi Khimii] (USSR) 1954,
v. 28, no. 11, p. 1935-1949.

(Materials--Fuels, TT, v. 11, no. 11)

TT-64-14935

I. Sokolik, A. S.
II. Basevich, V. Ya.

64988

Office of Technical Services

Autoignition Combustion and Detonation of Gases,
by A. S. Sokolik.

RUSSIAN, Moscow, 1960, 427 pp

*PL 480

1963 -- National Aeronautics
and Space Administration

U.S. 82

Sci

7 May 62

The Effect of Pressure on the Rate of Laminar
and Turbulent Combustion, by V. P. Karpov,
A. S. Sokolik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 6, 1960, pp 1341-1343.

CB

Sci

Apr 61

149, 146